Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 06 Aug 2023 until 23:59 on Monday 07 Aug 2023

Forecast Issued on Sunday 06 Aug 2023 at 00:16

Confidence: Generally high confidence at first, but moderate in frequency of showers on Sunday and clearance time of rain on Tuesday. Low confidence in details on Thursday.

Headline for Sunday 06 Aug 2023: Bright or sunny spells and scattered heavy showers.

Mountain weather hazards on Sunday 06 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Heavy rain showers	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability					
<05%	10%	40%	40%	30%	10%

Forecast for Sunday 06 Aug 2023

Weather: Dry with sunny spells at first, then scattered showers will develop from late morning, occasionally turning heavy through the afternoon, with a very low risk of an isolated thunderstorm. Tending to become drier and clearer into the evening, with showers dying out and cloud largely dissipating.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Some patchy cloud around 500-600m first thing, but this soon lifting above the summits. Cloud may occasionally just touch the highest summits in heavier showers. Moderate or poor visibility in showers, but otherwise very good. Some patchy valley fog or low cloud may begin to form during the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 06 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/17 NW	12/17 NW	12/18 NW	13/19 NW	14/20 NW	11/17 W	12/17 W
300	6/10 W	9/14 NW	10/16 W	12/19 NW	10/17 NW	7/13 W	8/13 W
Valley	3/9 NW	6/12 NW	7/15 W	10/20 NW	8/17 NW	5/12 W	4/10 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	10/7	11/9	11/9	11/8	9/7	9/6
300	9/8	12/10	14/12	14/12	14/12	12/10	11/10
Valley	10/9	13/12	15/14	15/13	14/13	12/12	11/11
Freezing Level*	1800m	1900m	2000m	2000m	2000m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day for layers, with heavy showers around, but also high UV levels in sunny spells in between the showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 06 Aug 2023	19mm	21mm	24mm

Forecast for Monday 07 Aug 2023

Weather: Any early valley fog clearing quickly after sunrise, then bright or sunny spells for most of the day. Dry with just the odd isolated light shower around the middle of the day. Mostly dry and sunny by evening. High UV levels are likely.

Maximum wind: Westerly or northwesterly 15-20 mph gusting 25-30 mph

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Patchy cloud around 300-400m at first, and perhaps some fog in valleys, but this will quickly lift and clear, with hills largely free of cloud through the day. Very good visibility outside of any early low cloud.

Temperature: **Valleys:** Plus 9 Celsius becoming plus 18 Celsius
At 600m: Plus 11 Celsius
Freezing level: Above the summits.

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